

ABSTRACT OF THE DISCLOSURE

An inverter for igniting a discharge lamp comprises a transformer, a first switch transistor, a second switch transistor, a first snubber capacitor, a second snubber capacitor, a reset capacitor, and a control circuit. One of the source/drain of the first switch transistor is electrically coupled to the primary side of the transformer. One of the source/drain of the second switch transistor is electrically coupled to the primary side of the transformer. The first snubber capacitor is electrically coupled between the source and the drain of the first switch transistor. The second snubber capacitor is electrically coupled between the source and the drain of the second switch transistor. The reset capacitor is electrically coupled between the other of the source/drain of the first switch transistor and the other of the source/drain of the second switch transistor. The control circuit controls the first switch transistor and the second switch transistor so that the two transistors will not conduct at the same time.